PRODUCT NUMBER: A150102-00

Compact air with bayonet fitting (hoods)

Compact air with bayonet fitting (hoods)

Honeywell

Overview

Reference Number
A150102-00

Product Type
Respiratory Protection

Range
Powered Air Purifying Respirators

Line
PAPR

Brand
Honeywell

Brand formerly known as
NORTH

Industry

- Agriculture
- Automotive and Part Manufacturer
- Building and Construction
- Chemical Industries
- Medical and Pharmaceutical

Technical Description

PAPR

Standard
EN 12941

Face piece/head piece type
Hoods

Type
TH1

Battery Type
NiMH

Battery Duration
8 h

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Battery Charging Time
10 h

Flow Rates
150 l/min

Instrinsic Safety
No

Weight
1350 g

Number of Filter Cartridges
3

Certifications

E.C. Declaration of Conformity

EC Category PPE
3

Quality Assurance
ISO 9001 / 2000

EC Certificate Number
0082/236/079/06/13/0171

EC Attestation
Certificat A150102

EC Attestation Number
0082/236/079/06/13/0171

Certifications

- EN 12941

Additional Information

User Manual
User-Manual-NU301-02 Compact air NORTH _1793677__17L_NUA5_Hon_TR1

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How to order your Compact Air® 200 kit?

One unit does it all!

Compact Air® 200 Series - a simplified equipment selection process:
To purchase a complete PAPR system you only have to choose three parts: one kit (to be used with hoods/welding helmets or masks), the headpiece and the filters. Optional spare parts and accessories are available if needed, such as longer air hoses, special belts for easy decontamination.

1 Select your Compact Air® 200 kit

Hood and welding helmets version - A150401 - Compact Air® 200 Bayonet kit: blower unit, lithium-ion battery pack and housing, universal battery charger, belt with comfort pad, breathing tube for hoods (840mm length), air flow indicator and carrying case with moulded foam lining.

Mask version - A150400 - Compact Air® 200 Din thread kit*: blower unit, lithium-ion battery pack and housing, universal battery charger, belt with comfort pad, breathing tube for masks (970mm length), air flow indicator and carrying case with moulded foam lining.

2 Select your facepiece

Hood | **Welding helmet** | **Mask**

For your choice of hood, welding helmet and mask refer to the configuration table included in this document.

3 Select your filter

FILTERS CERTIFIED FOR USE WITH COMPACT AIR® 200				
P3	A2P3 R SL	AB2P3 R SL	ABEK2P3 R SL	ABEK2HgP3 R SL
1786000 or A168091	1783010 or A168099*	1783040 or A168103*	1784000 or A168104*	1785019 or A168112*

Please refer to the configuration table included in this document.

4 Select your spare parts and optional accessories

A160712	Sealing rings - 10 pcs	**A161370**	Breathing tube for bayonet kit, 840mm length
CA222EU	Lithium-ion battery pack and housing	**A161356**	Breathing tube for bayonet kit, 970mm length
CA231EU	Universal battery charger	**A161378**	Breathing tube, DIN*
A160696	Belt and comfort pad	**A160531**	Air Flow indicator
A160723	Comfort pad	**A160368**	Carrying case with moulded foam lining
A160684	PVC decontamination belt	**A161301-10**	Hose cover Tyvek® -10 pcs
A160727	PVC decontamination comfort pad		

The Compact Air® 200 complete system includes:
Blower unit, lithium-ion battery pack and housing, universal battery charger, belt with comfort pad, breathing tube, air flow indicator and carrying case with moulded foam lining.

*EN certification pending.

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SPECIFICATION			
BLOWER UNIT		**LITHIUM-ION BATTERY PACK AND HOUSING**	
Type	Impact resistant ABS	**Type**	Lithium-ion rechargeable
Filters	3xEN 148-1 threaded connection	**Voltage**	7.2v
Air hose length	840mm Option 970mm	**Operating time**	8-13 hours
Connection	EN148-1 bayonet/threaded connection	**Charging time**	8 hours
Weight	410g	**Housing**	Impact resistant ABS
Dimensions	145 x 112 x 93mm	**Weight**	510 g
		Dimensions	105 x 80 x 78mm
UNIVERSAL BATTERY CHARGER		**CARRYING CASE WITH MOULDED FOAM LINING**	
Type	Fully automatic	**Material**	Polypropylene
Primary voltage	110-220V/50-60Hz	**Dimensions**	380 x 330 x 132mm
Secondary voltage	4.8v/7.2v		
Weight	270g		
Dimensions	108 x 67 x 36mm		
TECHNICAL DATAS			
Approvals		EN12941 (TH1-TH2-TH3) / EN12942* (TM2-TM3) / CE 0194	
Type of filters/protection		Particulates only and combined particulates, gas & vapour	
Weight of the apparatus (without filters and breathing tube)		1,05kg	
Air flow		Minimum 170 l/min, automatic adjustment to meet EN requirements	
Maximum humidity		< 80%	
In-use and storage temperature range		-10°C / +50°C	
Recharging temperature (battery)		0°C / +30°C	

*EN certification pending.

For all the undated standards mentioned, please refer to the latest version.

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Lead them to safety - Build an enduring culture of safety through comprehensive education, innovative technologies, and comfortable, high-performance products. Honeywell Safety Products is the ideal partner for a cultural transformation that inspires workers to make safer choices on their own.

Honeywell

Powered Air Purifying Respirator (PAPR)

Honeywell

SAFETY, COMFORT, FLEXIBILITY

Compact Air® 200 Series PAPR
"No Worry, No Guesswork"

Compact Air® 200 Series PAPR

Honeywell

The Compact Air® 200 Series PAPR is easy to use. It includes multiple alarms, giving you the heads up you need to work as long as possible without having to guess when the battery will need recharging or your filters need changing.

Increased Safety

Utilizes a triple alarm system (audible, visual and vibration). When 10% of the battery life remains the alarm system will alert the user, which will increase to a continuous audible alarm at 5%. An alarm will also be triggered when filters (P3 filter components) are blocked or clogged.

- The audible alarm is located near the breathing tubes, allowing the alarm sound to be heard, even in noisy environments.
- In addition, a vibrating alarm is activated, which can even be felt through thick clothing, thus ensuring that workers who are hearing impaired or are working in extremely noisy environments will be alerted to a low battery or clogged filters (P3 filter components).
- Finally, the third alarm is an LED light which will let the worker know if the battery is low or if the P3 filter components need changing.

In-use status

Alarm triggered

Three conditions are monitored for alarm:

ALARM CONDITION	AUDIBLE ALARM	VIBRATORY ALARM	VISUAL ALARM
10% battery life remaining	Four beeps for every 30 seconds	Vibration for four seconds at 30 second intervals	CHECK BATTERY LED light will change from green to red
5% battery life remaining	Continuous beeps until battery expires	-	CHECK BATTERY LED light remains red
Blocked or clogged filters (P3 filter components)	Continuous beeps	Vibration for three seconds at 10 second intervals	CHECK FILTER LED light will change from green to red

Comfort and Performance

Lightweight lithium-ion battery

- The lightweight battery provides improved comfort for longer wear.
- The "zero-memory" feature allows the end-user to use the battery without draining it before recharging.
- The battery provides a minimum of eight hours service life depending on the type of filter and particulate concentration.

Airflow automatically adjusts to meet EN requirements

- Whatever the level of filter saturation or battery charge is, you will always have the right flow of air. This is maintained electronically at a constant flow rate of 170 L/PM. Other PAPR without sensor adjustment can lose air flow as filters load.

The smart charger recharges in approximately eight hours and cannot over charge

- You can safely leave your battery on charge overnight, or for the weekend - it will not be damaged in any way.

Flexibility

One unit for masks, loose fitting hoods or welding helmets

- The Compact Air® 200 accommodates the preferences of different workers. It offers flexibility for contractors and multi-site locations with varying job needs.

Wide range of hoods and face pieces (16 models)

- The hoods, welding helmets and masks can be used for a large range of working environments (welding, chemical, automotive, etc).

Choice of nylon or PVC decontamination belt and comfort pad

- The lightweight nylon belt offers maximum comfort. Whereas the PVC belt and comfort pad are used where easy and reliable decontamination is critical.

Pharmaceutical industry

Laboratory

Automotive Industry

Automotive applications: not for use with isocyanate based paints

Welding

	HEADPIECES	FILTERS CERTIFIED WITH COMPACT AIR® 200*(1)				
		P3	A2P3 R SL	AB2P3 R SL	ABEK2P3 R SL	ABEK2HgP3 R SL
		1786000 or A168091	1783010 or A168099*	1783040 or A168103*	1784000 or A168104*	1785019 or A168112*
HOODS & WELDING HELMETS	**PRIMAIR - vl** P/N A114110	TH2	TH2	TH2	TH2	–
	KOLIBRI - vl P/N A114102	TH1	TH1	TH1	TH1	–
	JUNIOR A - vl P/N A114106	TH1	TH1	TH1	TH1	–
	JUNIOR A Combi - vl P/N A114300	*	*	*	*	–
	JUNIOR B - vl P/N A114400 **JUNIOR B Combi** - vl (PU) P/N A114200 **JUNIOR B Combi** - vl (Neoprene) P/N A114201	TH3	TH3	TH3	TH3	TH3
	PRIMAIR PLUS - vl P/N PA111EU **PRIMAIR PLUS - vl** P/N PA121EU	TH3	TH3	TH3	TH3	TH3
	EUROMASKI - vl P/N A114703	TH2	TH2	TH2	TH2	–
	TIGERHOOD 90X110 - vl P/N A114725	*	*	*	*	–
	TIGERHOOD 50X108 - vl P/N A114728	*	*	*	*	–
	PRIMAIR FM E01 P/N PA231E01	*	*	*	*	–
MASKS	**N5400** P/N N65754201, P/N N65754301	*	*	*	*	–
	PANORAMASQUE P/N 1710394	*	*	*	*	–
	OPTIFIT P/N 1715011, P/N 1715021	*	*	*	*	*
	HALF MASK N7700 P/N N65770015, P/N N65770016	*	*	*	*	–

*EN certification pending.

(1) The choice between two references of filters depends on the country of manufacturing.